

Work Order ID 58817

Wednesday, May 19, 2010 10:41:58 AM



Page 1

Item ID: D350-689-013

Accept



Setup Start



Revision ID:

Item Name: Floor Provisions

Stop



Start Date: 5/19/2010 Start Qty: 1.00



Cust Item ID:

Required Date: 5/26/2010 Req'd Qty: 1.00



Customer:

Reference:

Approvals:

Process Plan: 

Date: 10-5-19

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run HoursDraw
NumberDraw
Rev.Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

Draw Nbr

Revision Nbr

IIN D350-689

Rev A

100

0.00



DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy D350-689 bluefile & type labels per PPP D350-689-013 CHG 002

Handwritten: 10-6-3SP (circled) for BG 10/06/03

101

0.00



Pick Kit

Packaging

Memo

0.00

Packaging

Handwritten: 10-6-3SP (circled)

110

0.00



QC4- 100% Inspect kits for completeness

QC

Memo

0.00

Quality Control

Handwritten: 10-6-3SP (circled)

Handwritten: (circled)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Item ID: D350-689-013

Accept



Setup Start



Revision ID:

Item Name: Floor Provisions

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Start Date: 5/19/2010 Start Qty: 1.00



Cust Item ID:

Required Date: 5/26/2010 Req'd Qty: 1.00



Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start



Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120	Packaging	0.00							
	Packaging								
Packaging	Memo	0.00							
	Identify and pack for shipping as per PPP D350-689-013								
	Location: _____								
	PPP Rev: <u>C</u>								
130	QC21- Final Inspection - Work Order Release	0.00							
	QC								
Quality Control	Memo	0.00							

PP 51471

10-6-35

1066104

MF

10-6-03

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Picklist Print

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Page 1

Work Order ID: 58817

Parent Item: D350-689-013

Parent Item Name: Floor Provisions

Comments: IPP rev D 06.02.07 Re-format ec
IPP rev E 06.02.28 Fixed typo ec
IPP rev.F 07.01.02 per dsi 9311 ec

Start Date: 5/19/2010

Required Date: 5/26/2010

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Qty per Kit	Qty	Date	Status
AN960JD10L		Purchased	No			110	Each	4,071.000	6			
Washer												

Location Loc Qty Loc Code

ST348 4071
110985 4071

D3025-1 Manufactured No 110 Each 3.0000

Beam

Location Loc Qty Loc Code

ST177 3
22566 3

D3026-1 Manufactured No 110 Each 4.0000

Channel

Location Loc Qty Loc Code

ST177 4
51282 4

D3027-1 Manufactured No 110 Each 33.0000

Clip

Location Loc Qty Loc Code

ST034 33
22566 33

10-6-35

10-6-35

10-6-35

10-6-35

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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Parent Item Name: Floor Provisions


Comments: IPP rev D 06.02.07 Re-format ec
IPP rev E 06.02.28 Fixed typo ec
IPP rev F 07.01.02 per dsi 9311 ec

Start Date: 5/19/2010

Required Date: 5/26/2010

Start Qty: 1.00


Required Qty: 1.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Qty per Kit	Qty	Date	Status
D3027-3		Manufactured	No			110	Each	24.0000	1			
												
Clip												

Location Loc Qty Loc Code

ST034 24


~~22566~~ 24

D3027-5		Manufactured	No			110	Each	29.0000	1			
												
Clip												

Location Loc Qty Loc Code

ST034 29


22566 29

D3027-7		Manufactured	No			110	Each	18.0000	4			
												
Clip												

Location Loc Qty Loc Code

ST034 18


44566 18

D3032-1		Manufactured	No			110	Each	3.0000	1			
												
Spacer												

Location Loc Qty Loc Code

ST177 3

22566 3

D3033-1		Manufactured	No			110	Each	0.0000	2			
												
Seat Track												


Pr →

B 58908 10-6-3SP

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Shop Packet Print

Page 2

W/O: 58817		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
10/6/3	# 100	Qty # wrong for D3038-1 Qty should be x1 Per kit not 2. update Bom + w/o. ADD copy to w/o		10.06.04			S 10/06/03

Part No: D350-689-013 PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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Page 3

Work Order ID: 58817



Parent Item: D350-689-013



Parent Item Name: Floor Provisions

Start Date: 5/19/2010

Required Date: 5/26/2010

Comments: IPP rev D 06.02.07 Re-format ec
IPP rev E 06.02.28 Fixed typo ec
IPP rev F 07.01.02 per dsi 9311 ec

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Qty per Kit	Qty	Date	Status
D3033-3		Manufactured	No			110	Each	0.0000	1	1		
Seat Track												
MS20426AD3-6	Purchased		No			110	Each	2,042.000	16	1		
Rivet												
<div> <div>Location</div> <div>ST316</div> <div>105055</div> </div> <div> <div>Loc Qty</div> <div>2042</div> <div>2042</div> </div> <div> <div>Loc Code</div> <div></div> <div></div> </div>												
MS20426AD4-6	Purchased		No			110	Each	3,300.000	17	1		
Rivet												
<div> <div>Location</div> <div>ST317</div> <div>110139</div> </div> <div> <div>Loc Qty</div> <div>3300</div> <div>3300</div> </div> <div> <div>Loc Code</div> <div></div> <div></div> </div>												
MS20470AD4-5	Purchased		No			110	Each	481.0000	18	1		
Rivet, Universal Head												
<div> <div>Location</div> <div>ST319</div> <div>111916</div> <div>114718</div> </div> <div> <div>Loc Qty</div> <div>481</div> <div>181</div> <div>300</div> </div> <div> <div>Loc Code</div> <div></div> <div></div> <div></div> </div>												
MS20470AD4-6	Purchased		No			110	Each	788.0000	2	1		
Rivet, Universal Head												
<div> <div>Location</div> <div>ST320</div> <div>113644</div> </div> <div> <div>Loc Qty</div> <div>788</div> <div>788</div> </div> <div> <div>Loc Code</div> <div></div> <div></div> </div>												

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Page 3

W/O:		WORK ORDER CHANGES					
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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Page 4

Work Order ID: 58817

Parent Item: D350-689-013

Parent Item Name: Floor Provisions


Comments: IPP rev D 06.02.07 Re-format ec
IPP rev E 06.02.28 Fixed typo ec
IPP rev F 07.01.02 per dsi 9311 ec

Start Date: 5/19/2010

Required Date: 5/26/2010


Start Qty: 1.00

Required Qty: 1.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Qty per Kit	Qty	Date	Status
MS20470AD5-6	Purchased		No			110	Each	1,959.000	30	1		
												
Rivet												


Location Loc Qty Loc Code

ST320 1959
105433 1959

MS21059L3	Purchased		No			110	Each	104.0000	8	1		
												
Nut Plate												


Location Loc Qty Loc Code

ST301 50
114718 50
ST302 54
113749 10
114456 44

MS24693-S273	Purchased		No			110	Each	832.0000	2	1		
												
Screw												

Location Loc Qty Loc Code

ST288 832
100151 832

MS27039-1-10	Purchased		No			110	Each	154.0000	6	1		
												
Screw												

Location Loc Qty Loc Code

ST291 154
112794 54
112940 100

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W/O:		WORK ORDER CHANGES					
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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25.5 WEIGHT AND BALANCE

The following weight and balance information is for the Dart Dual High Back Seat Installation. The weight and balance of the parts that are removed from the aircraft to perform this installation are the responsibility of the installer.

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D350-689-011	27.0 lb	-18.2 in	-491 in-lb	60.7 in	1639 in-lb
Dual High Back Seat Installation	12.2 kg	-0.46 m	-5.6 m-kg	1.54 m	18.8 m-kg
D350-689-013	2.0 lb	-18.2 in	-36 in-lb	60.7 in	121 in-lb
Floor Provisions Kit	0.9 kg	-0.46 m	-0.4 m-kg	1.54 m	1.4 m-kg

25.6 PARTS LIST

Qty		Part Number	Description
X		D350-689-011	DUAL HIGH BACK SEAT INSTALLATION, LH
1	X	D350-689-013	FLOOR PROVISIONS KIT
1	X	D350-689-041	DUAL HIGH BACK SEAT ASSEMBLY
	2	D3016-041	SEAT FRAME ASSEMBLY
	1	D3017-041	BACK FRAME ASSEMBLY
1		D3018-1	SEAT CUSHION
1		D3019-1	BACK CUSHION
	1	D3021-041	TUBE ASSEMBLY
	1	D3022-1	SEAT PAN
	1	D3023-1	BACK PANEL
	3	D3024-1	SPACER
	1	D3025-1	BEAM
	1	D3026-1	CHANNEL
	1	D3027-1	CLIP
	1	D3027-3	CLIP
	1	D3027-5	CLIP
	4	D3027-7	CLIP
	4	D3028-1	STUD
	2	D3029-1	SPRING
	2	D3030-1	LOCK
	2	D3031-1	LOOP
	1	D3032-1	SPACER
	1	D3033-1	SEAT TRACK
	1	D3033-3	SEAT TRACK
	6	23	AN960JD10L WASHER
		3	AN3-12A BOLT
	16		MS20426AD3-6 RIVET
	17		MS20426AD4-6 RIVET
	18		MS20470AD4-5 RIVET
	2		MS20470AD4-6 RIVET
	30		MS20470AD5-6 RIVET
		46	MS20600AD4W2 RIVET
	8		MS21059L3 NUTPLATE
	6		MS27039-1-10 SCREW
		4	MS27039-1-17 SCREW
		12	MS27039-1-19 SCREW
		4	MS24693-S272 SCREW
	2		MS24693-S273 SCREW
		23	MS21042L3 NUT (OR MS21042-3)

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D350-689 REV. A
AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D350-689 REV 0

REF TCCA STC: SH02-33
REF FAA STC: SR01620NY
REF EASA STC: EASA.IM.R.S.01453
REF BRAZILIAN STC: 2005S03-09

REFERENCE ONLY

PURPOSE:

TO UPDATE THE PARTS LIST AND THE WEIGHT AND BALANCE TABLE IN IIN-D350-689 REV A AND ICA-D350-689 REV 0.

CHANGE:

FOR D350-689-011 AT CHANGE 003, D350-689-021 AT CHANGE 002, D350-689-041 AT CHANGE 002 AND D350-689-043 AT CHANGE 002, QTY (6) OF: MS27039-1-19 SCREW; MS21042L3 NUT & AN960JD10L WASHER REPLACED WITH QTY (6) OF: MS27039-4-21 SCREW; MS21042L4 NUT & NAS1149D0432J WASHER RESPECTIVELY. FIGURE 6 (PG 9) OF IIN-D350-689 MODIFIED PER SHT 2 OF THIS SERVICE INSTRUCTION. THE HARDWARE SECTION OF THE PARTS LIST IN SECTION 5 (PG 10) OF IIN-D350-689 REV A & SECTION 25.6 (PG 31) OF ICA-350-689 REV 0 IS AMENDED AS FOLLOWS:

Qty -011	Qty -013	Qty -021	Qty -023	Qty -041	Qty -043	Part Number	Description
X						D350-689-011	DUAL HIGH BACK SEAT INSTALLATION, LH
1	X					D350-689-013	FLOOR PROVISIONS KIT
		X				D350-689-021	DUAL HIGH BACK SEAT INSTALLATION, LH (REF DSI 9419)
		1	X			D350-689-023	ENERGY ATTENUATING FLOOR PROVISION KIT (REF DSI 9419)
1				X		D350-689-041	DUAL HIGH BACK SEAT ASSEMBLY
		1			X	D350-689-043	DUAL HIGH BACK SEAT ASSEMBLY (REF DSI 9419)
	6			17	17	NAS1149D0332J	WASHER (OR AN960JD10L)
			9			NAS1149D0363J	WASHER (OR AN960JD10)
				6	6	NAS1149D0432J	WASHER (OR AN960JD416)
				3	3	AN3-12A	BOLT
	16					MS20426AD3-6	RIVET
			14			MS20426AD4-5	RIVET
	17					MS20426AD4-6	RIVET
	18		34			MS20470AD4-5	RIVET
	2		18			MS20470AD4-6	RIVET
	30		32			MS20470AD5-6	RIVET
				40	40	MS20600AD4W2	RIVET
				6	6	MS20600AD4W3	RIVET (REF DSI 9349)
	8					MS21059L3	NUTPLATE
	6					MS27039-1-10	SCREW
				4	4	MS27039-1-17	SCREW
				6	6	MS27039-1-19	SCREW
				6	6	MS27039-4-21	SCREW
				4	4	MS24693-S272	SCREW
	2					MS24693-S273	SCREW
					8	MS24694-S3	SCREW
			9			MS24694-S50	SCREW
					4	MS24694-S148	SCREW
			9	17	17	MS21042L3	NUT (OR MS21042-3)
				6	6	MS21042L4	NUT (OR MS21042-4)

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: *[Signature]*
D. SHEPHERD (DE # 02)

DATE: 10.01.21
CERT. NO.: SH02-33
ISSUE NO.: 1

A	NEW ISSUE.	JPH	10.01.21
REV.	DESCRIPTION	BY	DATE
DESIGN	<i>[Signature]</i>	DART AEROSPACE LTD	
DRAWN	<i>[Signature]</i>	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9498	SHEET 1 OF 2
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	SEAT REINF; IIN & ICA UPDATE	NTS
DATE	10.01.21	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

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